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PATENT
Attorney Docket No. FJN-058C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANTS: Takada et al.
SERIAL NO.: 10/067,527 GROUP NO.: 1653
FILING DATE: February 4, 2002 EXAMINER: Not yet assigned.
TITLE: A MEDICINE, DRINK, FOOD AND FEED HAVING AN ACTION
OF STRENGTHENING BONE

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Each of the references were previously cited in U.S. Patent Application Serial No. 08/819,110 from which this application claims priority. Accordingly, pursuant to 37 C.F.R. § 1.98(d), Applicants have not supplied copies of the references cited on the attached Form PTO-1449, but shall do so upon request.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below. **OR**

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**. **AND**
- ☐ the requisite Statement is below. **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

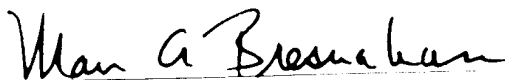
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



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SHEET 1 OF 2

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: EFN-058C1

APPLICANT: Takada et al.

SERIAL NO.: 10/067,527

FILING DATE: February 4, 2002 GROUP: 1655

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U.S. PATENT DOCUMENTS

| EXAM. INIT. | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------|----|--------------------|----------|--------------|-------|--------------|----------------------------------|
| | AA | 5,162,506 | 11/10/92 | Hadden | | | |
| | AB | 4,294,753 | 10/13/81 | Urist | | | |
| | AC | 5,208,219 | 05/04/93 | Ogawa et al. | | | |

FOREIGN PATENT DOCUMENTS

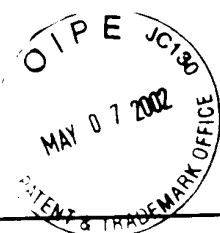
| EXAM. INIT. | | DOCUMENT NUMBER | DATE | COUNTRY CODE | CLASS | SUB CLASS | FILING DATE | ABSTRACT ONLY | ENGLISH LANG Y/N |
|----------------|----|--------------------|----------|-----------------|-------|--------------|----------------|------------------|---------------------|
| | BA | WO 96 05851 | 02/29/96 | PCT | | | | | No |
| | BB | CN 1 077 630A | 10/27/93 | EPO | | | | Yes | Yes |
| | BC | CH 494 250A | 09/15/70 | Switzerland | | | | | No |
| | BD | EP 0 254 289A | 01/27/88 | EPO | | | | | No |

OTHER ART, JOURNAL ARTICLES, ETC.

| EXAM. INIT. | OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) | |
|----------------|--|--|
| | CA | J.I. Boye et al., "Factors Affecting Molecular Characteristics of Whey Protein Gelation" <u>Int. Dairy J.</u> 5:337-353 (1995) |
| | CB | M. Britten et al., "Emulsifying Properties of Heat-Denatured/Undenatured Whey Protein Composite Blends" <u>IDF Special Issue 9303</u> , IDF Seminar, Munich, Germany, August 25-28, 1992, pp 368-374 |
| | CC | B.C. Ghosh et al., "Rennetability of Milk Containing Different Heat-Denatured Whey Protein" <u>Milk Science International</u> 51(1):28-31 (1996) |
| | CD | A.J.R. Law et al., "Heat-Induced Changes in the Whey Proteins and Caseins" <u>Milk Science International</u> 49(3):125-1129 (1994) |
| | CE | D.J. McClements et al., "Physical Properties of Cold-Setting Gels Formed from Heat-Denatured Whey Protein Isolate" <u>J. Sci. Food Agric.</u> 69 7-14 (1995) |
| | CF | J. Merenmies et al., "30-kDa Heparin-Binding Protein of Brain (Amphoterin) Involved in Neurite Outgrowth" <u>J. Biol. Chemistry</u> 266(25):16722-16729 (1991) |

EXAMINER

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SHEET 2 OF 2

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

| EXAM. INIT. | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------|----|--------------------|----------|---------------|-------|--------------|----------------------------------|
| | AD | 5,522,888 | 06/04/96 | Civerchia | | | |
| | AE | 4,804,745 | 02/14/89 | Koepff et al. | | | |

FOREIGN PATENT DOCUMENTS

| EXAM INIT. | | DOCUMENT NUMBER | DATE | COUNTRY CODE | CLAS S | SUB CLASS | FILING DATE | ABSTRACT ONLY | ENGLISH LANG Y/N |
|---------------|--|--------------------|------|-----------------|-----------|--------------|----------------|------------------|---------------------|
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OTHER ART, JOURNAL ARTICLES, ETC.

| EXAM. INIT. | OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) | | | | | | | | |
|----------------|--|--|--|--|--|--|--|--|--|
| | CG | B. Pentecost et al., "Isolation and Partial Sequence of Bovine cDNA Clones for the High-Mobility-Group Protein (HMG-1)" <u>BioScience Reports</u> 4:49-57 (1984) | | | | | | | |
| | CH | K. Sato et al., "Preparation of a Gel of Partially Heat-Denatured Whey Protein by Proteolytic Digestion" <u>Milk Science International</u> 50(7):389-392 (1995) | | | | | | | |
| | CI | A.R. Shakoori et al., "Differential Expression of the Chromosomal High Mobility Group Proteins 14 and 17 During the Onset of Differentiation in Mammalian Osteoblasts and Promyelocyte Leukemia Cells" <u>J. Cellular Biochemistry</u> 51:479-487 (1993) | | | | | | | |
| | CI | Krishnakumar et al. (1995), "Gelatin Global Supply and Demand." <u>International Food Ingredients</u> pp 17-19. | | | | | | | |
| | CK | EP 97 10 5286 European Search Report (12 08 98). | | | | | | | |

EXAMINER

DATE CONSIDERED

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